

Model Number	Description	Voltage	Max. Load (Convection)	Max. Load (300 LFM)	Min. Load	Ripple ¹
LFMWLP120-1001	with Screw Terminal	12 V	8.33A	10.0A	0.0 A	1%
LFMWLP120-1001-II	with Screw Terminal	12 V	8.33A	10.0A	0.0 A	1%
LFMWLP120-1301	with Molex Header	12 V	8.33A	10.0A	0.0 A	1%
LFMWLP120-1301-II	with Molex Header	12 V	8.33A	10.0A	0.0 A	1%
LFMWLP120-1002	with Screw Terminal	15 V	6.66A	8.0A	0.0 A	1%
LFMWLP120-1002-II	with Screw Terminal	15 V	6.66A	8.0A	0.0 A	1%
LFMWLP120-1302	with Molex Header	15 V	6.66A	8.0A	0.0 A	1%
LFMWLP120-1302-II	with Molex Header	15 V	6.66A	8.0A	0.0 A	1%
LFMWLP120-1003	with Screw Terminal	24 V	4.16A	5.0A	0.0 A	1%
LFMWLP120-1003-II	with Screw Terminal	24 V	4.16A	5.0A	0.0 A	1%
LFMWLP120-1303	with Molex Header	24 V	4.16A	5.0A	0.0 A	1%
LFMWLP120-1303-II	with Molex Header	24 V	4.16A	5.0A	0.0 A	1%
LFMWLP120-1004	with Screw Terminal	48 V	2.08A	2.5A	0.0 A	1%
LFMWLP120-1004-II	with Screw Terminal	48 V	2.08A	2.5A	0.0 A	1%
LFMWLP120-1304	with Molex Header	48 V	2.08A	2.5A	0.0 A	1%
LFMWLP120-1304-II	with Molex Header	48 V	2.08A	2.5A	0.0 A	1%
LFMWLP120-1005	with Screw Terminal	30 V	3.33A	4.0A	0.0 A	1%
LFMWLP120-1005-II	with Screw Terminal	30 V	3.33A	4.0A	0.0 A	1%
LFMWLP120-1305	with Molex Header	30 V	3.33A	4.0A	0.0 A	1%
LFMWLP120-1305-II	with Molex Header	30 V	3.33A	4.0A	0.0 A	1%
LFMWLP120-1006	with Screw Terminal	58 V	1.72A	2.07A	0.0 A	1%
LFMWLP120-1006-II	with Screw Terminal	58 V	1.72A	2.07A	0.0 A	1%
LFMWLP120-1306	with Molex Header	58 V	1.72A	2.07A	0.0 A	1%
LFMWLP120-1306-II	with Molex Header	58 V	1.72A	2.07A	0.0 A	1%
LFMWLP120-CK metal cover kit accessory						

Connectors		
J1	Pin 1	AC LINE
	Pin 2	NOT FITTED
	Pin 3	AC NEUTRAL
J2	Pin 1,2	-VE
	Pin 3,4	+VE

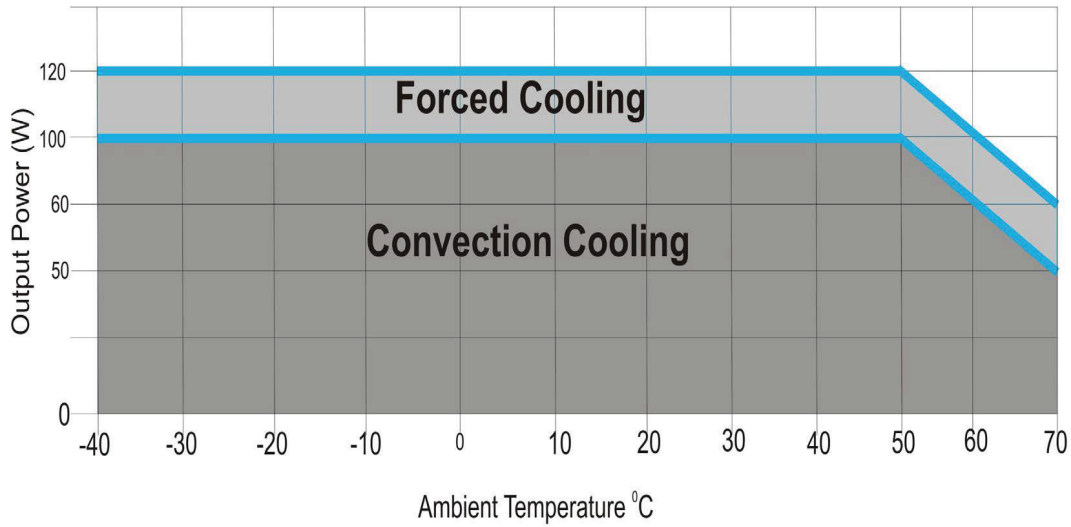
Notes

1. Ripple is peak to peak with 20 MHz bandwidth and 10 μ F (Tantalum capacitor) in parallel with a 0.1 μ F capacitor at rated line voltage and load ranges.
2. Class II means without input Earth connection.
3. Specifications are for nominal input voltage, 25°C unless otherwise stated.
4. -40 to 0°C startup is guaranteed with spec deviation in output ripple and voltage regulation.
5. Functional, not approved.

Mechanical Specifications			
AC Input Connector (J1) Option 1	Molex: 39357-0003 Tyco-2-1776112-3	Option 2	Molex: 1722861103 (Mating conn: Molex 1722561003)
DC Output Connector (J2) Option 1	Molex: 39357-0004 Tyco-2-1776112-4	Option 2	Molex: 1722861104 (Mating conn: Molex 1722561004)
Dimensions	3 x 2 x 1.18 inches (76.2 x 50.8 x 30.1mm)		
Weight	150gm approx		
EMC			
CE Mark	Complies with LVD Directive		
Conducted Emissions	EN55022-B, CISPR22-B, FCC PART15-B		
Static Discharge	EN61000-4-2, Level-3		
RF Field Susceptibility	EN61000-4-3, Level-3		
Fast Transients/Bursts	EN61000-4-4, Level-3		
Radiated Emissions	Level A radiated, Level B radiated with external core (King core K5B RC 25x12x15-M in input cable with 5 Turns)		
Surge Susceptibility	EN61000-4-5, Level-3		
Harmonic Current	EN61000-3-2, Class D		
Safety			
Safety Standard(s)	IEC/EN 60601-1 Edition 3.0 + AM1, ANSI/AAMI ES60601-1 and CAN/CSA -C22.2 No. 60601-1		
Approval Agency	Nemko, UL, C-UL		
Safety File Number(s)	Class-I : UL: Certificate No. 20151106-E173812, CB: Certificate No. NO89047, , NEMKO: Certificate No. P15220391 Class-II : UL: Certificate No. 20151106-E173812, CB: Certificate No. NO89061, NEMKO: Certificate No. P15220387		
Environmental			
RoHS Version	LFMWLP120 series meet RoHS compliance as per european RoHS directive (Directive 2011 / 65 / EU)		

Derating Curve

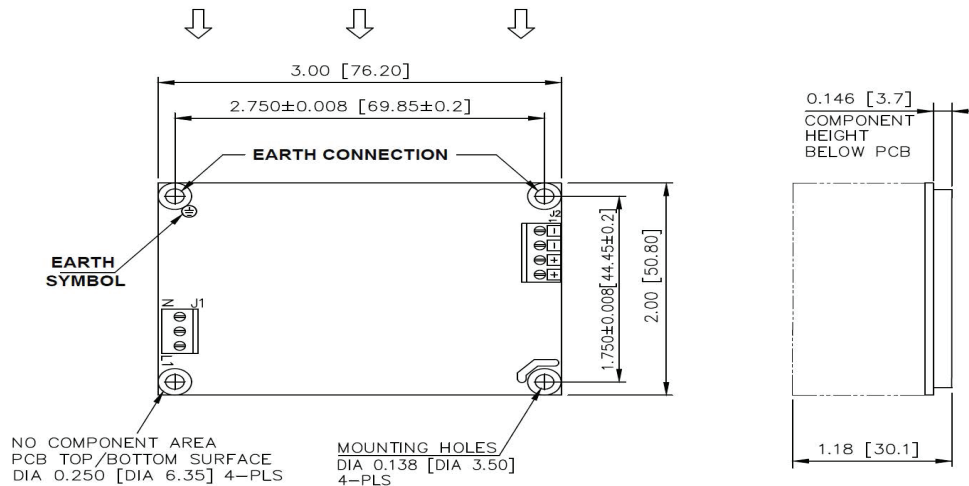
12V,15V,24V,30V,48V,58V Output



Mechanical Drawing

Option -1

DIRECTION OF AIRFLOW FOR FORCED COOLING

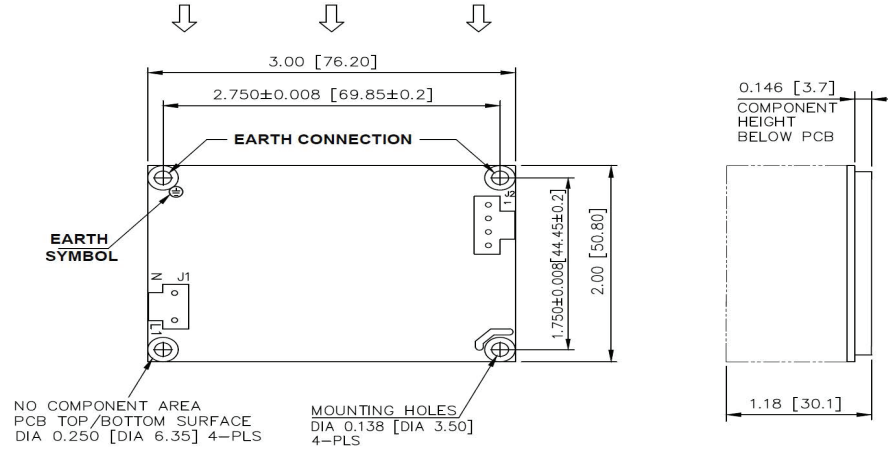


MECHANICAL OUTLINE DIMENSIONS
ALL DIMENSIONS ARE IN INCHES[MM]
GEN TOLERANCE: ±0.06

Mechanical Drawing

Option -2

DIRECTION OF AIRFLOW
FOR FORCED COOLING



MECHANICAL OUTLINE DIMENSIONS
ALL DIMENSIONS ARE IN INCHES[MM]
GEN TOLERANCE: ±0.06